

WIRELESS MAGNETIC TOW LIGHT
FOR VEHICLES UNDER 80" IN WIDTH

This product is intended for temporary use to provide tail lamp function as well as stop, turn and hazard indication when towing a vehicle or trailer narrower than 80" wide. Check with Department of Transportation to confirm all lights required for your particular tow. Please check with your dealer concerning additional lighting requirements depending upon what you will be towing

A special note about batteries: Do not mix old with new batteries and do not mix alkaline, standard and rechargeable batteries

It is recommended to use good quality, new AA alkaline batteries and have a spare set of them on hand. While in use be sure to check every 2-3 hours that the battery indicator LED is NOT blinking. A blinking LED indicates the batteries are getting low. If the battery indicator LED is blinking when the switch is on you will need to replace all eight batteries immediately to comply with SAE/FMVSS 108 safety standards. Four batteries are found in each of two magnetic bases

USING THE WIRELESS TOW LIGHT

1. Install fresh AA batteries into each light base per indicated polarity. The battery tray is accessed by twisting the entire base counter-clock wise while holding the light's housing. (See illustration). Make sure to replace the batteries in BOTH "DRIVER SIDE" and "PASSENGER SIDE" units! (FIG. 1)
2. Connect the transmitter to your "five-flat" trailer plug on the vehicle. (FIG. 2)
3. Attach the transmitter to steel surface at the rear of the towed vehicle above the bumper so that the magnet holds it firmly in place after first cleaning the mounting surface and transmitter's magnetic base. For best results place at or above the level of the rear bumper
4. Turn the switch located on the bottom of the "DRIVER SIDE" and"PASSENGER SIDE"base to" ". (FIG. 3)
5. Check that the magnetic light bases are clear of any debris that may scratch the mounting surface. Attach the left "LH" and right "RH" lights on a flat surface as far apart as practical and at an equal distance from the sides of the vehicle/trailer being towed. Lights should be placed at the same height. Do not mount lights higher than 6 feet (385 cm) from the ground or lower than 1.25 feet (183 cm) from the ground. The entire magnet must be touching a steel surface for optimal holding performance. Place lights to allow following vehicles optimal visibility at all times. (FIG. 4)

FIG. 1

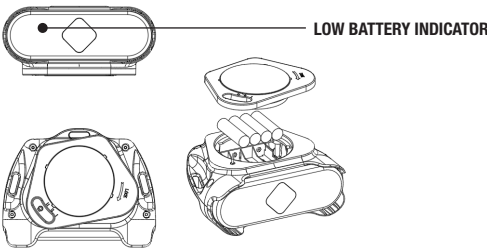


FIG. 2

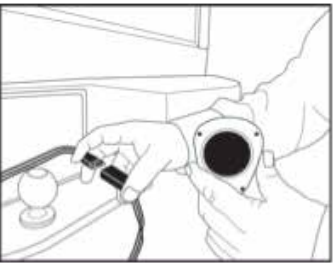


FIG. 3

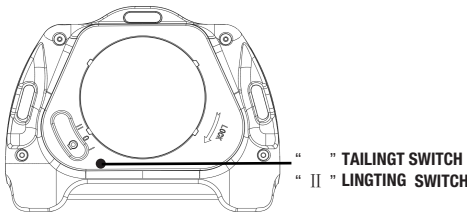
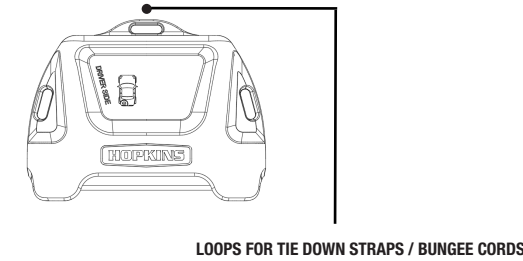


FIG. 4



FIG. 5



6. If the lights are not aligned properly detach them by tipping the light to disengage the magnetic base before placing them again
7. Use a tie wrap to collect any loose cable between the lights. Do not cover or obstruct the lights during operation
8. Verify the operation of tail lights, stop lights and both left and right turn signals. DO NOT drive your vehicle unless all lights functioning
9. Every 2-3 hours check that the battery LED indicator near the top of the "LH" light is not flashing and that tail, left turn, right turn and brake functions are operational. If the low battery LED indicator is flashing or the trailer lights do not function then install eight new AA batteries immediately (FIG. 5)
10. Switch off the lights after each use and return the lights and transmitter to the original package. If packaging is unavailable, place lights inside bags when not in use to keep the magnets clear of debris. Do not allow the magnetic bases to come in contact with each other. If lights are stored for longer than one month, remove the batteries to avoid battery leakage. Store batteries at room temperature to avoid leakage

IMPORTANT CONSIDERATIONS

1. It is highly recommended to use tie-down straps/bungee cords through the loops on the base, to secure the lights to the vehicle, when towing on rough and/or bumpy roads, or at high speeds (FIG. 5)
2. The Wireless Magnetic Tow Light kit's transmitter is designed to be used with standard 12-volt vehicle systems
3. Every 2-3 hours confirm that your brake, turn signal and running lights are operating correctly. Do not operate your tow lights if the vehicle has faulty wiring or if some or all of the lights do not work correctly
4. Battery performance: for temperatures below 20°F batteries may need to be changed more often. The LED near the top center of the "LH" light will blink if battery power is low. Immediately install all new batteries in both tow lights to ensure safe operation and to meet SAE/FMVSS 108 safety standards
5. Do not submerge the lights or transmitter in water. Damage may occur
6. Always have a spare set of eight AA batteries on hand, especially if travelling for an extended period of time
7. Power is low. Immediately install all new batteries in both tow lights to ensure safe operation and to meet SAE/FMVSS 108 safety standards

TRANSMITTER & VEHICULAR PLUG WIRING SCHEME

White: Ground
Yellow: Left Brake / Left Turn Signal
Brown: Tail / Running Lights
Green: Right Brake / Right Turn Signal
Blue: Reverse

TROUBLESHOOTING

1. If one or both tow lights do not function check and/or replace ALL batteries. Load eight new batteries by placing four into each base with polarity as indicated.
2. If left turn and right turn functions are reversed, then reverse the yellow and green wires to the transmitter
3. If only some lamp functions work while others do not, look over the wiring diagram and check that the four-flat trailer connector is wired correctly
4. Check the connection between the "five-flat" plugs for corrosion. Remove corrosion with baking soda and a small disposable brush while wearing gloves

LIMITATIONS

Do not operate towing lights farther than 65 feet (19.8 meters) from the transmitter

FCC CAUTION

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC WARNING

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

Cet équipement respecte les limites d'exposition au rayonnement IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20cm entre le radiateur et votre corps.